



8-30-04

Docket No: AM100171
Patent

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re of Application of: John Leo Considine, et al.
Application No.: 10/758,187 Group Art No.: 1625
Filed: January 15, 2004 Examiner:
For: SYNTHESIS OF 4-(AMINO)-2-BUTENOYL CHLORIDES AND THEIR
USE IN THE PREPARATION OF 3-CYANO QUINOLINES
Confirmation No.: 5603
Customer Number: 25291

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

1. Preliminary Statements

In accordance with 37 CFR 1.97 and 1.98, Applicants submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) the information is material to the examination of this application; (iii) additional information material to the examination of this application does not exist; (iv) the information, protocols, results and the like reported by third parties are accurate or enabling; or (v) the information constitutes prior art to the subject invention.

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August 27, 2004
Date

Ann Peterson
Ann Peterson

09/01/2004 WABDELRI 00000013 011425 10758187

01 FC:1806 180.00 DA

2. Identification of Time of Filing

This Information Disclosure Statement

- a. ☐ is filed within three months of the filing date of the application.
- b. ☒ is filed before the mailing date of a first Office Action on the merits.
- c. ☐ is filed before the mailing date of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- d. ☐ is filed after the period specified in 2(a), 2(b) or 2(c) above, but before the mailing date of a final action under 37 CFR 1.311. This statement includes a certification under 37 CFR 1.97(e) or the fee set forth in 37 CFR 1.17(p).
- e. ☐ is filed after the mailing date of a final action or Notice of Allowance but before payment of the issue fee. This statement includes (i) a certification under 37 CFR 1.97(e), and (ii) the fee set forth in 37 CFR 1.17(p).

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The undersigned attorney certifies

- a. ☒ that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement.
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A legible copy of the patents, publications or other information cited on the attached form PTO 1449 is enclosed, except that no copy of a pending U.S. application is enclosed, and if this patent application was filed or entered the national stage after June 30, 2003, no copy of a U.S. patent or U.S. patent application publication is enclosed.

☐ Previously Cited Information

No copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed because it has been previously cited by or submitted to the Office in a prior application which is relied upon for an earlier filing date under 35 USC 120.

Prior application is Application Number _____, filed on _____ of _____ for _____

- ☐ Concise Explanation
Documents cited above which are not in the English Language
- a. ☐ have been explained in the specification.
- b. ☐ have an abstract (or other concise explanation) in English enclosed or if readily available a translation into English of the document is enclosed.

Form PTO-1449 is enclosed in duplicate.

- ☒ Fees
- ☒ Fee for filing under 37 CFR 1.97(c) or (d) Fee: \$180.00


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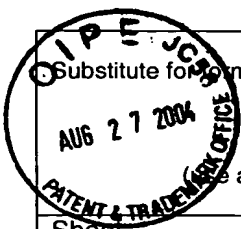
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Substitute for Form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Indicate as many sheets as necessary)				Application Number	10/758,187
				Filing Date	January 15, 2004
				First Named Inventor	John Leo Considine
				Group Art Unit	1625
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	AM100171

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (If known)	Kind Code (If Known)			
	1.					

FOREIGN PATENT DOCUMENTS

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		Office	Number	Kind Code (If Known)				
	2.	EP	0 448 078 A		Banyu Pharmaceutical Co.	09-25-1991		<input type="checkbox"/>
	3.	WO	03/020266		Wyeth	03-13-2003		<input type="checkbox"/>

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	4.	WISSNER, ALLAN; ET AL; Synthesis and Structure -- Activity Relationships of 6,7-Disubstituted 4-Anilinoquinoline-3-carbonitriles. The Design of an Orally Active, Irreversible Inhibitor of the Tyrosine Kinase Activity of the Epidermal Growth Factor Receptor (EGFR) and the Human Epidermal Growth Factor Receptor-2 (HER-2); J. Med. Chem., 46:49-63, 2003	<input type="checkbox"/>
	5.	BALENOVIC, K.; Contribution to the Knowledge of Gamma-Aminocrotonic Acid; J. Org. Chem. 19:1589-1593, 1954	<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **1** of **1**

Complete if Known

Application Number **10/758,187**

Filing Date **January 15, 2004**

First Named Inventor **John Leo Considine**

Group Art Unit **1625**

Examiner Name

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		Office	Number	Kind Code (If Known)				
	2.	EP	0 448 078 A		Banyu Pharmaceutical Co.	09-25-1991		<input type="checkbox"/>
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	5.	BALENOVIC, K.; Contribution to the Knowledge of Gamma-Aminocrotonic Acid; J. Org. Chem. 19:1589-1593, 1954	<input type="checkbox"/>

Examiner Signature	Date Considered
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